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**DATE:** July 13, 2005

**TO:** Examiner Frank Tsay

**COMPANY OR FIRM:** PTO

**FACSIMILE NO.:** (703) 872-9306

**FROM:** Beth Pearson-Naul for Kaushik P. Sriram

**RE:** **Serial No.: 10/674,248**  
**Docket No.: 014-12049-D3**  
**Title: "Wellbores Utilizing Fiber Optic-Based Sensors and Operating Devices"**

**NUMBER OF PAGES INCLUDING THIS COVER SHEET: 16****IF ANY OF THESE PAGES ARE NOT RECEIVED, PLEASE CALL BETH AT (713) 266-1130, ext. 117**

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**Response to Office Action Dated April 13, 2005**

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Commissioner for Patents, at Telephone No. 703-872-9306.

  
Beth Pearson-Naul**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Paulo S. Tubel et al.	§	Group Art Unit: 3672
	§	
SERIAL NO.: 10/674,248	§	
	§	Examiner: Tsay, Frank
FILED: September 29, 2003	§	
	§	
TITLE: "Wellbores Utilizing Fiber Optic- Based Sensors and Operating Devices"	§	Confirmation No.: 3193
	§	
	§	Atty. Docket No.: 014-12049-D3

**RESPONSE TO OFFICE ACTION OF APRIL 13, 2005**

This is in response to the office action of April 13, 2005. Please amend the application as indicated below. Reconsideration of the application as amended is respectfully requested. Amendments to the claims start on page 2 of this document. Remarks start on page 10 of this document.

10/674,248

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